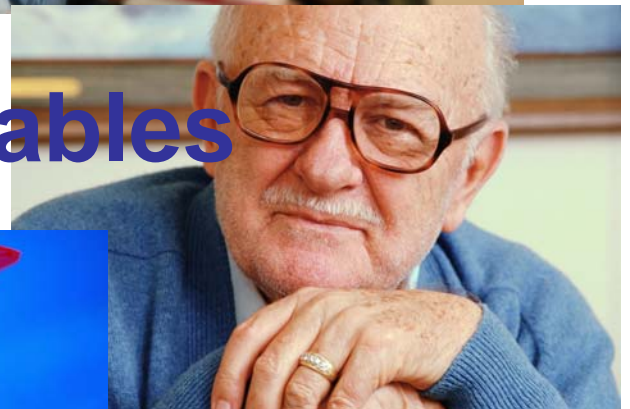


Maricopa County Health Status Report 2004



Reference Tables



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Maricopa County

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For additional copies of this report, please call the Maricopa County Department of Public Health, Office of Epidemiology and Data Services at 602.372.2604. This report may also be found at http://www.maricopa.gov/public_health/epi/ under “Health Statistics and Reports.”

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Introduction

This report provides health status information for the year 2004 for residents of Maricopa County, Arizona. It includes data for morbidity (death), communicable diseases, and natality (birth), as well as information on the size and demographic distribution of the population.

For each disease or health indicator, the following information is provided:

- Number of cases in the county
 - Communicable Disease Example: 109 residents of Maricopa County were diagnosed with confirmed cases of Pertussis (whooping cough) in 2004.
 - Natality (Birth) Example: There were 735 infants born with a very low birthweight (less than 1500 grams) in 2004.
- Rate or percentage of cases in the county
 - Communicable Disease Example: For every 100,000 residents of Maricopa County, 3.1 were diagnosed with Pertussis in 2004.
 - Natality (Birth) Example: Among all live births in 2004, 1.2% were born with a very low birthweight.

All data in this report are for calendar year 2004.

Information on data sources and methodology are in Section V – Technical Notes.

I. Maricopa County 2004 Population Statistics

Maricopa County 2004 Population Statistics

Table 1.01 Population Estimates by Age, Gender, and Race/Ethnicity, 2004

Age by Gender

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	148,638	8.5%	141,778	8.1%	290,416	8.3%
5-9	137,396	7.8%	131,281	7.5%	268,677	7.7%
10-14	135,303	7.7%	129,060	7.4%	264,363	7.6%
15-19	121,051	6.9%	113,819	6.5%	234,870	6.7%
20-24	129,145	7.3%	117,046	6.7%	246,191	7.0%
25-34	290,456	16.5%	260,016	14.9%	550,472	15.7%
35-44	264,749	15.1%	247,462	14.2%	512,211	14.6%
45-54	212,591	12.1%	215,849	12.4%	428,440	12.2%
55-64	148,691	8.5%	162,320	9.3%	311,011	8.9%
65-74	97,756	5.6%	110,184	6.3%	207,940	5.9%
75-84	56,695	3.2%	78,679	4.5%	135,374	3.9%
85+	16,142	0.9%	32,480	1.9%	48,622	1.4%
Total	1,758,613		1,739,974		3,498,587	

Race/Ethnicity by Gender

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,074,999	58.8%	1,108,363	61.4%
Hispanic	514,801	28.1%	459,836	25.5%
African American	66,805	3.7%	64,247	3.6%
Amer. Ind., Non-Hisp.	27,722	1.5%	30,034	1.7%
Amer. Ind., Hisp.	8,920	0.5%	8,456	0.5%
Asian	43,012	2.4%	46,507	2.6%
Other/2+ Races	22,354	1.2%	22,531	1.2%
Total	1,758,613		1,739,974	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian		Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic No.	%	Hispanic No.	%	No.	%	
0-4	130,939	6.0%	127,022	13.0%	10,263	7.8%	7,010	12.1%	1,326	7.6%	6,335	7.1%	290,416
5-9	129,361	5.9%	107,679	11.0%	11,078	8.5%	5,125	8.9%	2,282	13.1%	5,970	6.7%	268,677
10-14	136,991	6.3%	95,961	9.8%	12,465	9.5%	5,452	9.4%	2,209	12.7%	5,596	6.3%	264,363
15-19	129,573	5.9%	78,142	8.0%	11,107	8.5%	5,036	8.7%	1,844	10.6%	4,839	5.4%	234,870
20-24	128,208	5.9%	91,569	9.4%	10,289	7.9%	5,107	8.8%	1,643	9.5%	5,838	6.5%	246,191
25-34	289,402	13.3%	199,924	20.5%	21,289	16.2%	10,896	18.9%	3,055	17.6%	20,102	22.5%	550,472
35-44	327,318	15.0%	132,241	13.6%	21,230	16.2%	8,411	14.6%	2,486	14.3%	16,335	18.2%	512,211
45-54	316,094	14.5%	74,654	7.7%	16,203	12.4%	5,452	9.4%	1,399	8.1%	11,530	12.9%	428,440
55-64	252,100	11.5%	37,771	3.9%	8,901	6.8%	2,965	5.1%	675	3.9%	6,754	7.5%	311,011
65-74	176,783	8.1%	18,959	1.9%	5,180	4.0%	1,439	2.5%	337	1.9%	4,212	4.7%	207,940
75-84	121,995	5.6%	8,275	0.8%	2,280	1.7%	642	1.1%	115	0.7%	1,579	1.8%	135,374
85+	44,598	2.0%	2,440	0.3%	767	0.6%	221	0.4%	5	0.0%	429	0.5%	48,622
Total	2,183,362		974,637		131,052		57,756		17,376		89,519		3,498,587

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2004.

Maricopa County 2004 Population Statistics

Table 1.02 Population by Race/Ethnicity, Age, and Gender, 2004

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	Non-Hispanic		Hispanic												No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	63,791	5.8%	61,991	13.5%	4,973	7.7%	3,563	11.9%	688	8.1%	3,145	6.8%	3,627	16.1%	141,778
5-9	62,981	5.7%	52,677	11.5%	5,467	8.5%	2,500	8.3%	1,130	13.4%	2,983	6.4%	3,543	15.7%	131,281
10-14	66,694	6.0%	46,975	10.2%	6,092	9.5%	2,737	9.1%	1,117	13.2%	2,682	5.8%	2,763	12.3%	129,060
15-19	62,949	5.7%	37,541	8.2%	5,330	8.3%	2,496	8.3%	963	11.4%	2,349	5.1%	2,191	9.7%	113,819
20-24	63,610	5.7%	40,275	8.8%	5,059	7.9%	2,650	8.8%	807	9.5%	2,836	6.1%	1,809	8.0%	117,046
25-29	66,425	6.0%	46,539	10.1%	4,840	7.5%	2,984	9.9%	706	8.3%	4,541	9.8%	1,568	7.0%	127,603
30-34	74,995	6.8%	41,814	9.1%	5,172	8.1%	2,716	9.0%	688	8.1%	5,615	12.1%	1,413	6.3%	132,413
35-39	74,815	6.8%	33,211	7.2%	5,004	7.8%	2,162	7.2%	574	6.8%	4,493	9.7%	1,101	4.9%	121,360
40-44	85,999	7.8%	27,165	5.9%	5,175	8.1%	2,202	7.3%	556	6.6%	3,983	8.6%	1,022	4.5%	126,102
45-49	83,536	7.5%	20,623	4.5%	4,374	6.8%	1,674	5.6%	382	4.5%	3,415	7.3%	876	3.9%	114,880
50-54	76,875	6.9%	15,194	3.3%	3,574	5.6%	1,349	4.5%	271	3.2%	2,995	6.4%	711	3.2%	100,969
55-59	71,712	6.5%	11,346	2.5%	2,495	3.9%	990	3.3%	173	2.0%	2,270	4.9%	581	2.6%	89,567
60-64	60,120	5.4%	7,822	1.7%	2,002	3.1%	664	2.2%	145	1.7%	1,602	3.4%	398	1.8%	72,753
65-69	49,186	4.4%	5,915	1.3%	1,594	2.5%	514	1.7%	111	1.3%	1,396	3.0%	293	1.3%	59,009
70-74	44,093	4.0%	4,297	0.9%	1,179	1.8%	305	1.0%	70	0.8%	990	2.1%	241	1.1%	51,175
75+	100,582	9.1%	6,451	1.4%	1,917	3.0%	528	1.8%	75	0.9%	1,212	2.6%	394	1.7%	111,159
Total	1,108,363		459,836		64,247		30,034		8,456		46,507		22,531		1,739,974
Males															
0-4	67,148	6.2%	65,031	12.6%	5,290	7.9%	3,447	12.4%	638	7.2%	3,190	7.4%	3,894	17.4%	148,638
5-9	66,380	6.2%	55,002	10.7%	5,611	8.4%	2,625	9.5%	1,152	12.9%	2,987	6.9%	3,639	16.3%	137,396
10-14	70,297	6.5%	48,986	9.5%	6,373	9.5%	2,715	9.8%	1,092	12.2%	2,914	6.8%	2,926	13.1%	135,303
15-19	66,624	6.2%	40,601	7.9%	5,777	8.6%	2,540	9.2%	881	9.9%	2,490	5.8%	2,138	9.6%	121,051
20-24	64,598	6.0%	51,294	10.0%	5,230	7.8%	2,457	8.9%	836	9.4%	3,002	7.0%	1,728	7.7%	129,145
25-29	69,120	6.4%	60,502	11.8%	5,434	8.1%	2,724	9.8%	950	10.7%	4,557	10.6%	1,518	6.8%	144,805
30-34	78,862	7.3%	51,069	9.9%	5,843	8.7%	2,472	8.9%	711	8.0%	5,389	12.5%	1,305	5.8%	145,651
35-39	78,865	7.3%	40,376	7.8%	5,251	7.9%	2,188	7.9%	747	8.4%	4,244	9.9%	1,068	4.8%	132,739
40-44	87,639	8.2%	31,489	6.1%	5,800	8.7%	1,859	6.7%	609	6.8%	3,615	8.4%	999	4.5%	132,010
45-49	82,889	7.7%	22,726	4.4%	4,725	7.1%	1,381	5.0%	463	5.2%	2,879	6.7%	870	3.9%	115,933
50-54	72,794	6.8%	16,111	3.1%	3,530	5.3%	1,048	3.8%	283	3.2%	2,241	5.2%	651	2.9%	96,658
55-59	66,679	6.2%	11,206	2.2%	2,660	4.0%	813	2.9%	226	2.5%	1,631	3.8%	486	2.2%	83,701
60-64	53,589	5.0%	7,397	1.4%	1,744	2.6%	498	1.8%	131	1.5%	1,251	2.9%	380	1.7%	64,990
65-69	44,509	4.1%	5,177	1.0%	1,442	2.2%	375	1.4%	75	0.8%	1,096	2.5%	280	1.3%	52,954
70-74	38,995	3.6%	3,570	0.7%	965	1.4%	245	0.9%	81	0.9%	730	1.7%	216	1.0%	44,802
75+	66,011	6.1%	4,264	0.8%	1,130	1.7%	335	1.2%	45	0.5%	796	1.9%	256	1.1%	72,837
Total	1,074,999		514,801		66,805		27,722		8,920		43,012		22,354		1,758,613

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2004.

II. Maricopa County 2004 Mortality (Death) Statistics

Maricopa County 2004 Mortality (Death) Statistics

Table 2.01a Number of Deaths by Age Group and Race/Ethnicity

Age Group	Race/Ethnicity							Total
	White	Hispanic	African American	American Indian, Non-Hispanic	American Indian, Hispanic	Asian	Other/ Unknown	
<1	141	203	28	6	7	8	3	396
1-4	26	23	3	3	1	2	0	58
5-9	11	17	4	1	1	0	0	34
10-14	23	20	5	1	0	0	0	49
15-19	81	73	16	9	2	2	0	183
20-24	146	112	13	8	4	1	1	285
25-34	248	182	33	27	2	9	1	502
35-44	576	225	64	43	9	15	3	935
45-54	1,261	266	103	59	2	24	7	1,722
55-64	1,938	293	131	62	11	35	7	2,477
65-74	3,171	383	146	36	3	30	6	3,775
75-84	5,915	463	117	31	1	42	5	6,574
85+	6,049	287	113	22	0	44	0	6,515
Unknown	14	1	1	0	0	0	11	27
Total	19,600	2,548	777	308	43	212	44	23,532

Table 2.01b Death Rates by Age Group and Race/Ethnicity
Crude Death Rate per 100,000 Residents

Age Group	Race/Ethnicity							Total
	White	Hispanic	African American	American Indian, Non-Hispanic	American Indian, Hispanic	Asian	Other/ Unknown	
0-4	127.5	177.9	302.1	128.4	603.3	157.9	-	156.3
5-9	8.5	15.8	36.1	19.5	43.8	0	-	12.7
10-14	16.8	20.8	40.1	18.3	0	0	-	18.5
15-19	62.5	93.4	144.1	178.7	108.5	41.3	-	77.9
20-24	113.9	122.3	126.3	156.6	243.5	17.1	-	115.8
25-34	85.7	91.0	155.0	247.8	65.5	44.8	-	91.2
35-44	176.0	170.1	301.5	511.2	362.0	91.8	-	182.5
45-54	398.9	356.3	635.7	1,082.2	143.0	208.2	-	401.9
55-64	768.7	775.7	1,471.7	2,091.1	1,629.6	518.2	-	796.4
65-74	1,793.7	2,020.1	2,818.5	2,501.7	890.2	712.3	-	1,815.4
75-84	4,848.6	5,595.2	5,131.6	4,828.7	869.6	2,659.9	-	4,856.2
85+	13,563.4	11,762.3	14,732.7	9,954.8	0	10,256.4	-	13,399.3
Unknown	-	-	-	-	-	-	-	-
Total	897.7	261.4	592.9	533.3	247.5	236.8	-	672.6

Maricopa County 2004 Mortality (Death) Statistics

Table 2.02a Number of Deaths by Age Group and Gender

Age Group	Gender		Total
	Male	Female	
<1	230	166	396
1-4	36	22	58
5-9	23	11	34
10-14	31	18	49
15-19	134	49	183
20-24	224	61	285
25-34	374	128	502
35-44	611	324	935
45-54	1,107	615	1,722
55-64	1,471	1,006	2,477
65-74	2,116	1,659	3,775
75-84	3,313	3,261	6,574
85+	2,448	4,067	6,515
Unknown	24	3	27
Total	12,142	11,390	23,532

Table 2.02b Death Rates by Age Group and Gender
Crude Death Rate per 100,000 Residents

Age Group	Gender		Total
	Male	Female	
0-4	179.0	132.6	156.3
5-9	16.7	8.4	12.7
10-14	22.9	13.9	18.5
15-19	110.7	43.1	77.9
20-24	173.4	52.1	115.8
25-34	128.8	49.2	91.2
35-44	230.8	130.9	182.5
45-54	520.7	284.9	401.9
55-64	989.3	619.8	796.4
65-74	2,164.6	1,505.7	1,815.4
75-84	5,843.5	4,144.7	4,856.2
85+	15,165.4	12,521.6	13,399.3
Unknown	-	-	-
Total	690.4	654.6	672.6

Maricopa County 2004 Mortality (Death) Statistics

**Table 2.03a Selected Underlying Causes of Death by Race/Ethnicity
Number of Cases**

Cause		Race/Ethnicity							Total
		White	Hispanic	African American	American Indian, Non-Hispanic	American Indian, Hispanic	Asian	Other/ Unknown	
Infectious Diseases	Tuberculosis	4	2	1	0	0	0	0	7
	Syphilis	0	0	0	0	0	0	0	0
	HIV	58	29	19	2	0	0	0	108
Cancer	Stomach	75	24	8	4	0	2	0	113
	Colon	438	36	18	2	0	6	0	500
	Pancreas	263	17	9	3	0	6	0	298
	Lung	1,245	57	43	7	1	16	2	1,371
	Breast	318	37	14	4	0	6	0	379
	Uterine & Ovarian	202	38	9	1	1	6	0	257
	Prostate	243	23	8	2	0	0	0	276
	Urinary	246	22	3	2	0	2	0	275
	Lymphoma	171	18	5	0	0	1	0	195
	Leukemia	170	22	3	3	0	3	0	201
	Other	1,116	124	37	10	3	13	0	1,303
	All Cancer	4,487	418	157	38	5	61	2	5,168
Diabetes and Alzheimer's	Diabetes	433	106	33	21	1	9	1	604
	Alzheimer's	1,028	50	22	7	0	6	0	1,113
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	262	24	24	6	0	2	318
		Ischemic Heart Disease	4,100	345	123	43	3	38	4,655
		Other Heart Disease	690	60	40	4	0	5	802
		All Heart Disease	5,052	429	187	53	3	45	5,775
	Other Cardiovascular	Primary Hypertension	205	31	18	5	1	4	265
		Cerebrovascular	1,139	139	47	8	0	17	1,350
		Atherosclerosis	111	11	5	1	0	0	128
		Other Circulatory	195	16	4	0	0	4	220
		All Other Cardiovascular	1,650	197	74	14	1	25	1,963
Other Respiratory Diseases	Influenza & Pneumonia	511	49	8	6	4	2	2	582
	Chronic Lower Respiratory	1,234	57	17	5	0	5	0	1,318
GI & Urinary	Peptic Ulcer	36	0	0	0	0	0	0	36
	Liver Disease	216	65	5	26	2	4	2	320
	Nephritis	193	38	19	4	0	2	1	257
Pregnancy & Early Life	Pregnancy	0	1	1	0	0	0	0	2
	Perinatal Conditions	68	102	15	1	2	6	2	196
	Congenital Malformations	77	54	6	3	1	2	1	144
	SIDS	2	4	1	0	0	1	0	8
Other Diseases	Symptoms, Signs	346	36	19	2	1	4	4	412
	Other Diseases	2,645	382	100	60	7	21	3	3,218
External Causes	Motor Vehicle Collisions	303	178	19	18	5	8	6	537
	All Other Accidents	717	109	31	31	4	6	9	907
	Suicide	361	70	14	7	2	4	0	458
	Homicide	111	157	28	6	3	1	1	307
	Other External Causes	37	13	0	4	2	0	0	56
	All External Causes	1,529	527	92	66	16	19	16	2,265
Unknown		31	2	1	0	0	0	2	36
Total		19,600	2,548	777	308	43	212	44	23,532

Maricopa County 2004 Mortality (Death) Statistics

Table 2.03b Selected Underlying Causes of Death by Race/Ethnicity
Crude Death Rate per 100,000 Residents

Cause		Race/Ethnicity							Total	
		White	Hispanic	African American	American Indian, Non-Hispanic	American Indian, Hispanic	Asian	Other/ Unknown		
Infectious Diseases	Tuberculosis	0.2	0.2	0.8	0	0	0	-	0.2	
	Syphilis	0	0	0	0	0	0	-	0	
	HIV	2.7	3.0	14.5	3.5	0	0	-	3.1	
Cancer	Stomach	3.4	2.5	6.1	6.9	0	2.2	-	3.2	
	Colon	20.1	3.7	13.7	3.5	0	6.7	-	14.3	
	Pancreas	12.0	1.7	6.9	5.2	0	6.7	-	8.5	
	Lung	57.0	5.8	32.8	12.1	5.8	17.9	-	39.2	
	Breast	14.6	3.8	10.7	6.9	0	6.7	-	10.8	
	Uterine & Ovarian ¹	18.2	8.3	14.0	3.3	11.8	12.9	-	14.8	
	Prostate ¹	22.6	4.5	12.0	7.2	0	0	-	15.7	
	Urinary	11.3	2.3	2.3	3.5	0	2.2	-	7.9	
	Lymphoma	7.8	1.8	3.8	0	0	1.1	-	5.6	
	Leukemia	7.8	2.3	2.3	5.2	0	3.4	-	5.7	
	Other	51.1	12.7	28.2	17.3	17.3	14.5	-	37.2	
	All Cancer	205.5	42.9	119.8	65.8	28.8	68.1	-	147.7	
	Diabetes and Alzheimer's	Diabetes	19.8	10.9	25.2	36.4	5.8	10.1	-	17.3
Alzheimer's		47.1	5.1	16.8	12.1	0	6.7	-	31.8	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	12.0	2.5	18.3	10.4	0	2.2	-	9.1
		Ischemic Heart Disease	187.8	35.4	93.9	74.5	17.3	42.4	-	133.1
		Other Heart Disease	31.6	6.2	30.5	6.9	0	5.6	-	22.9
		All Heart Disease	231.4	44.0	142.7	91.8	17.3	50.3	-	165.1
	Other Cardio-vascular	Primary Hypertension	9.4	3.2	13.7	8.7	5.8	4.5	-	7.6
		Cerebrovascular	52.2	14.3	35.9	13.9	0	19.0	-	38.6
		Atherosclerosis	5.1	1.1	3.8	1.7	0	0	-	3.7
		Other Circulatory	8.9	1.6	3.1	0	0	4.5	-	6.3
		All Other Cardiovascular	75.6	20.2	56.5	24.2	5.8	27.9	-	56.1
Other Respiratory Diseases	Influenza & Pneumonia	23.4	5.0	6.1	10.4	23.0	2.2	-	16.6	
	Chronic Lower Respiratory	56.5	5.8	13.0	8.7	0	5.6	-	37.7	
GI & Urinary	Peptic Ulcer	1.6	0	0	0	0	0	-	1.0	
	Liver Disease	9.9	6.7	3.8	45.0	11.5	4.5	-	9.1	
	Nephritis	8.8	3.9	14.5	6.9	0.0	2.2	-	7.3	
Pregnancy & Early Life	Pregnancy	0	0.1	0.8	0	0	0	-	0.1	
	Perinatal Conditions	3.1	10.5	11.4	1.7	11.5	6.7	-	5.6	
	Congenital Malformations	3.5	5.5	4.6	5.2	5.8	2.2	-	4.1	
	SIDS	0.1	0.4	0.8	0	0	1.1	-	0.2	
Other Diseases	Symptoms, Signs	15.8	3.7	14.5	3.5	5.8	4.5	-	11.8	
	Other Diseases	121.1	39.2	76.3	103.9	40.3	23.5	-	92.0	
External Causes	Motor Vehicle Collisions	13.9	18.3	14.5	31.2	28.8	8.9	-	15.3	
	All Other Accidents	32.8	11.2	23.7	53.7	23.0	6.7	-	25.9	
	Suicide	16.5	7.2	10.7	12.1	11.5	4.5	-	13.1	
	Homicide	5.1	16.1	21.4	10.4	17.3	1.1	-	8.8	
	Other External Causes	1.7	1.3	0	6.9	11.5	0	-	1.6	
	All External Causes	70.0	54.1	70.2	114.3	92.1	21.2	-	64.7	
Unknown		1.4	0.2	0.8	0	0	0	-	1.0	
Total		897.7	261.4	592.9	533.3	247.5	236.8	-	672.6	

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County 2004 Mortality (Death) Statistics

**Table 2.04a Selected Underlying Causes of Death by Age Group
Number of Cases**

Cause		Age Group														Total
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk.	
Infectious Diseases	Tuberculosis	0	0	0	0	0	0	0	2	0	1	2	1	1	0	7
	Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	HIV	0	0	0	0	0	3	15	41	30	12	5	1	1	0	108
Cancer	Stomach	0	0	0	0	0	0	2	5	19	17	26	29	15	0	113
	Colon	0	0	0	0	1	1	3	11	36	74	108	151	115	0	500
	Pancreas	0	0	0	0	0	0	0	5	21	62	82	87	41	0	298
	Lung	0	0	0	0	0	0	1	11	83	252	416	462	146	0	1,371
	Breast	0	0	0	0	0	0	1	35	58	78	72	87	48	0	379
	Uterine & Ovarian	0	0	0	0	0	1	2	23	29	46	54	70	32	0	257
	Prostate	0	0	0	0	0	0	0	1	3	23	48	108	93	0	276
	Urinary	1	0	0	0	0	0	1	2	24	49	64	79	55	0	275
	Lymphoma	0	0	0	0	0	2	2	10	21	24	44	56	36	0	195
	Leukemia	1	2	3	0	2	2	9	5	9	18	39	83	28	0	201
	Other	0	2	3	2	7	7	19	56	126	241	340	343	157	0	1,303
	All Cancer	2	4	6	2	10	13	40	164	429	884	1,293	1,555	766	0	5,168
Diabetes and Alzheimer's	Diabetes	0	0	0	0	0	0	10	23	49	110	119	174	119	0	604
	Alzheimer's	0	0	0	0	0	0	0	0	0	4	61	351	697	0	1,113
Major Cardio-vascular Diseases	Heart Disease	Hypertensive Heart Dis.	0	0	0	0	0	1	9	31	51	41	69	116	0	318
		Ischemic Heart Disease	0	0	0	0	1	11	58	201	433	762	1,455	1,733	1	4,655
		Other Heart Disease	7	2	0	2	5	10	29	66	64	101	235	276	0	802
		All Heart Disease	7	2	0	2	5	6	96	298	548	904	1,759	2,125	1	5,775
	Other Cardio-vascular	Primary Hypertension	0	0	0	0	1	1	3	13	18	45	85	98	1	265
		Cerebrovascular	2	0	0	1	1	7	17	43	81	168	458	572	0	1,350
		Atherosclerosis	0	0	0	0	0	0	1	2	5	14	40	66	0	128
		Other Circulatory	0	0	0	0	3	0	4	8	14	47	84	60	0	220
		All Other Cardiovascular	2	0	0	1	5	8	25	66	118	274	667	796	1	1,963

(Continued)

Maricopa County 2004 Mortality (Death) Statistics

Cause		Age Group														Total
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk.	
Other Respiratory Diseases	Influenza & Pneumonia	14	3	1	0	0	2	6	10	29	28	73	189	227	0	582
	Chronic Lower Respiratory	1	0	0	1	2	0	3	13	43	116	278	530	331	0	1,318
GI & Urinary	Peptic Ulcer	0	0	0	0	0	0	0	0	1	2	6	10	17	0	36
	Liver Disease	0	0	0	0	0	0	9	33	90	82	53	45	8	0	320
Pregnancy & Early Life	Nephritis	3	1	1	0	0	1	0	3	15	32	40	89	72	0	257
	Pregnancy	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	Perinatal Conditions	190	1	3	0	1	0	0	0	1	0	0	0	0	0	196
	Congenital Malformations	95	4	2	4	6	1	8	4	10	3	3	3	1	0	144
	SIDS	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Other Diseases	Symptoms, Signs	20	3	0	0	1	5	28	23	40	24	24	78	160	6	412
	Other Diseases	39	20	6	10	16	16	43	118	274	321	503	892	960	0	3,218
External Causes	Motor Vehicle Collisions	1	4	6	18	63	71	79	85	70	54	32	31	16	7	537
	All Other Accidents	9	14	6	4	24	41	54	128	144	71	58	150	196	8	907
	Suicide	0	0	0	1	27	49	82	92	85	47	28	36	11	0	458
	Homicide	4	2	3	5	23	67	87	57	28	12	9	3	3	4	307
	Other External Causes	0	0	0	1	4	3	7	17	15	2	6	1	0	0	56
	All External Causes	14	20	15	29	141	231	309	379	342	186	133	221	226	19	2,265
Unknown		1	0	0	0	1	1	0	1	5	6	4	9	8	0	36
Total		396	58	34	49	183	285	502	935	1,722	2,477	3,775	6,574	6,515	27	23,532

Maricopa County 2004 Mortality (Death) Statistics

Table 2.04b Selected Underlying Causes of Death by Age Group
Crude Death Rate per 100,000 Residents

Cause		Age Group													Total	
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk.		
Infectious Diseases	Tuberculosis	0	0	0	0	0	0	0.4	0	0.3	1.0	0.7	2.1	-	0.2	
	Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	-	0	
	HIV	0	0	0	0	1.2	2.7	8.0	7.0	3.9	2.4	0.7	2.1	-	3.1	
Cancer	Stomach	0	0	0	0	0	0.4	1.0	4.4	5.5	12.5	21.4	30.9	-	3.2	
	Colon	0	0	0	0.4	0.4	0.5	2.1	8.4	23.8	51.9	111.5	236.5	-	14.3	
	Pancreas	0	0	0	0	0	0	1.0	4.9	19.9	39.4	64.3	84.3	-	8.5	
	Lung	0	0	0	0	0	0.2	2.1	19.4	81.0	200.1	341.3	300.3	-	39.2	
	Breast	0	0	0	0	0	0.2	6.8	13.5	25.1	34.6	64.3	98.7	-	10.8	
	Uterine & Ovarian ¹	0	0	0	0	0.9	0.8	9.3	13.4	28.3	49.0	89.0	98.5	-	14.8	
	Prostate ¹	0	0	0	0	0	0	0.4	1.4	15.5	49.1	190.5	576.1	-	15.7	
	Urinary	0.3	0	0	0	0	0.2	0.4	5.6	15.8	30.8	58.4	113.1	-	7.9	
	Lymphoma	0	0	0	0	0.8	0.4	2.0	4.9	7.7	21.2	41.4	74.0	-	5.6	
	Leukemia	1.0	1.1	0	0.9	0.8	1.6	1.0	2.1	5.8	18.8	61.3	57.6	-	5.7	
	Other	0.7	1.1	0.8	3.0	2.8	3.5	10.9	29.4	77.5	163.5	253.4	322.9	-	37.2	
	All Cancer	2.1	2.2	0.8	4.3	5.3	7.3	32.0	100.1	284.2	621.8	1,148.7	1,575.4	-	147.7	
	Diabetes and Alzheimer's	Diabetes	0	0	0	0	0	1.8	4.5	11.4	35.4	57.2	128.5	244.7	-	17.3
		Alzheimer's	0	0	0	0	0	0	0	0	1.3	29.3	259.3	1,433.5	-	31.8
Major Cardio-vascular Diseases	Heart Disease	Hypertensive Heart Dis.	0	0	0	0	0	0.2	1.8	7.2	16.4	19.7	51.0	238.6	-	9.1
		Ischemic Heart Disease	0	0	0	0	0.4	2.0	11.3	46.9	139.2	366.5	1,074.8	3,564.2	-	133.1
		Other Heart Disease	3.1	0	0.8	2.1	2.0	1.8	5.7	15.4	20.6	48.6	173.6	567.6	-	22.9
		All Heart Disease	3.1	0	0.8	2.1	2.4	4.0	18.7	69.6	176.2	434.7	1,299.4	4,370.4	-	165.1
		Primary Hypertension	0	0	0	0	0.4	0.2	0.6	3.0	5.8	21.6	62.8	201.6	-	7.6
	Other Cardio-vascular	Cerebrovascular	0.7	0	0.4	0	0.4	1.3	3.3	10.0	26.0	80.8	338.3	1,176.4	-	38.6
		Atherosclerosis	0	0	0	0	0	0	0.2	0.5	1.6	6.7	29.5	135.7	-	3.7
		Other Circulatory	0	0	0	0	1.2	0	0.8	1.9	4.5	22.6	62.1	123.4	-	6.3
		All Other Cardiovascular	0.7	0	0.4	0	2.0	1.5	4.9	15.4	37.9	131.8	492.7	1,637.1	-	56.1

(Continued)

Maricopa County 2004 Mortality (Death) Statistics

Cause		Age Group													Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk.	
Other Respiratory Diseases	Influenza & Pneumonia	5.9	0.4	0	0	0.8	1.1	2.0	6.8	9.0	35.1	139.6	466.9	-	16.6
	Chronic Lower Respiratory	0.3	0	0.4	0.9	0	0.5	2.5	10.0	37.3	133.7	391.5	680.8	-	37.7
GI & Urinary	Peptic Ulcer	0	0	0	0	0	0	0	0.2	0.6	2.9	7.4	35.0	-	1.0
	Liver Disease	0	0	0	0	0	1.6	6.4	21.0	26.4	25.5	33.2	16.5	-	9.1
	Nephritis	1.4	0.4	0	0	0.4	0	0.6	3.5	10.3	19.2	65.7	148.1	-	7.3
Pregnancy & Early Life	Pregnancy	0	0	0	0	0.4	0.2	0	0	0	0	0	0	-	0.1
	Perinatal Conditions	65.8	1.1	0	0.4	0	0	0	0.2	0	0	0	0	-	5.6
	Congenital Malformations	34.1	0.7	1.5	2.6	0.4	1.5	0.8	2.3	1.0	1.4	2.2	2.1	-	4.1
	SIDS	2.8	0	0	0	0	0	0	0	0	0	0	0	-	0.2
Other Diseases	Symptoms, Signs	7.9	0	0	0.4	2.0	5.1	4.5	9.3	7.7	11.5	57.6	329.1	-	11.8
	Other Diseases	20.3	2.2	3.8	6.8	6.5	7.8	23.0	64.0	103.2	241.9	658.9	1,974.4	-	92.0
External Causes	Motor Vehicle Collisions	1.7	2.2	6.8	26.8	28.8	14.4	16.6	16.3	17.4	15.4	22.9	32.9	-	15.3
	All Other Accidents	7.9	2.2	1.5	10.2	16.7	9.8	25.0	33.6	22.8	27.9	110.8	403.1	-	25.9
	Suicide	0	0	0.4	11.5	19.9	14.9	18.0	19.8	15.1	13.5	26.6	22.6	-	13.1
	Homicide	2.1	1.1	1.9	9.8	27.2	15.8	11.1	6.5	3.9	4.3	2.2	6.2	-	8.8
	Other External Causes	0	0	0.4	1.7	1.2	1.3	3.3	3.5	0.6	2.9	0.7	0	-	1.6
	All External Causes	11.7	5.6	11.0	60.0	93.8	56.1	74.0	79.8	59.8	64.0	163.3	464.8	-	64.7
Unknown		0.3	0	0	0.4	0.4	0	0.2	1.2	1.9	1.9	6.6	16.5	-	1.0
Total		156.3	12.7	18.5	77.9	115.8	91.2	182.5	401.9	796.4	1,815.4	4,856.2	13,399.3	-	672.6

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County 2004 Mortality (Death) Statistics

**Table 2.05a Selected Underlying Causes of Death by Gender
Number of Cases**

Cause		Gender		Total	
		Male	Female		
Infectious Diseases	Tuberculosis	5	2	7	
	Syphilis	0	0	0	
	HIV	97	11	108	
Cancer	Stomach	70	43	113	
	Colon	249	251	500	
	Pancreas	162	136	298	
	Lung	746	625	1,371	
	Breast	1	378	379	
	Uterine & Ovarian	0	257	257	
	Prostate	276	0	276	
	Urinary	179	96	275	
	Lymphoma	104	91	195	
	Leukemia	125	76	201	
	Other	794	509	1,303	
	All Cancer	2,706	2,462	5,168	
	Diabetes and Alzheimer's	Diabetes	325	279	604
		Alzheimer's	356	757	1,113
		Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	149
Ischemic Heart Disease	2,473			2,182	4,655
Other Heart Disease	383			419	802
All Heart Disease	3,005			2,770	5,775
Other Cardiovascular	Primary Hypertension			110	155
	Cerebrovascular		537	813	1,350
	Atherosclerosis		59	69	128
	Other Circulatory		123	97	220
	All Other Cardiovascular		829	1,134	1,963
Other Respiratory Diseases	Influenza & Pneumonia		296	286	582
	Chronic Lower Respiratory	617	701	1,318	
	GI & Urinary	Peptic Ulcer	13	23	36
Liver Disease		201	119	320	
Nephritis		127	130	257	
Pregnancy & Early Life	Pregnancy	0	2	2	
	Perinatal Conditions	120	76	196	
	Congenital Malformations	80	64	144	
	SIDS	2	6	8	
Other Diseases	Symptoms, Signs	171	241	412	
	Other Diseases	1,581	1,637	3,218	
External Causes	Motor Vehicle Collisions	374	163	537	
	All Other Accidents	564	343	907	
	Suicide	357	101	458	
	Homicide	259	48	307	
	Other External Causes	38	18	56	
	All External Causes	1,592	673	2,265	
Unknown		19	17	36	
Total		12,142	11,390	23,532	

Maricopa County 2004 Mortality (Death) Statistics

Table 2.05b Selected Underlying Causes of Death by Gender
Crude Death Rate per 100,000 Residents

Cause			Gender		Total
			Male	Female	
Infectious Diseases	Tuberculosis		0.3	0.1	0.2
	Syphilis		0	0	0
	HIV		5.5	0.6	3.1
Cancer	Stomach		4.0	2.5	3.2
	Colon		14.2	14.4	14.3
	Pancreas		9.2	7.8	8.5
	Lung		42.4	35.9	39.2
	Breast		0.1	21.7	10.8
	Uterine & Ovarian ¹		-	14.8	14.8
	Prostate ¹		15.7	-	15.7
	Urinary		10.2	5.5	7.9
	Lymphoma		5.9	5.2	5.6
	Leukemia		7.1	4.4	5.7
	Other		45.1	29.3	37.2
	All Cancer		153.9	141.5	147.7
Diabetes and Alzheimer's	Diabetes		18.5	16.0	17.3
	Alzheimer's		20.2	43.5	31.8
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	8.5	9.7	9.1
		Ischemic Heart Disease	140.6	125.4	133.1
		Other Heart Disease	21.8	24.1	22.9
		All Heart Disease	170.9	159.2	165.1
	Other Cardiovascular	Primary Hypertension	6.3	8.9	7.6
		Cerebrovascular	30.5	46.7	38.6
		Atherosclerosis	3.4	4.0	3.7
		Other Circulatory	7.0	5.6	6.3
		All Other Cardiovascular	47.1	65.2	56.1
Other Respiratory Diseases		Influenza & Pneumonia	16.8	16.4	16.6
		Chronic Lower Respiratory	35.1	40.3	37.7
GI & Urinary	Peptic Ulcer		0.7	1.3	1.0
	Liver Disease		11.4	6.8	9.1
	Nephritis		7.2	7.5	7.3
Pregnancy & Early Life	Pregnancy		0	0.1	0.1
	Perinatal Conditions		6.8	4.4	5.6
	Congenital Malformations		4.5	3.7	4.1
	SIDS		0.1	0.3	0.2
Other Diseases		Symptoms, Signs	9.7	13.9	11.8
		Other Diseases	89.9	94.1	92.0
External Causes	Motor Vehicle Collisions		21.3	9.4	15.3
	All Other Accidents		32.1	19.7	25.9
	Suicide		20.3	5.8	13.1
	Homicide		14.7	2.8	8.8
	Other External Causes		2.2	1.0	1.6
	All External Causes		90.5	38.7	64.7
Unknown			1.1	1.0	1.0
Total			690.4	654.6	672.6

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County 2004 Mortality (Death) Statistics

**Table 2.06a Firearm, Drug, and Alcohol Induced and Related Deaths by Age Group
Number of Cases**

Age Group	Firearm Induced	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco	Alcohol Induced	Alcohol Related
0-9	2	2	2	2	0	0
10-14	6	1	1	1	0	0
15-19	33	14	15	15	0	1
20-24	88	28	29	29	1	5
25-34	120	46	52	53	12	17
35-44	98	118	123	129	37	75
45-54	59	129	148	163	101	162
55-64	32	39	41	75	81	117
65-74	26	16	18	65	39	61
75-84	31	8	8	48	16	22
85+	8	2	3	18	2	9
Unknown	3	3	3	3	0	0
Total	506	406	443	601	289	469

**Table 2.06b Firearm, Drug, and Alcohol Induced and Related Deaths by Age Group
Crude Death Rate per 100,000 Residents**

Age Group	Firearm Induced	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco	Alcohol Induced	Alcohol Related
0-9	0.4	0.4	0.4	0.4	0	0
10-14	2.3	0.4	0.4	0.4	0	0
15-19	14.1	6.0	6.4	6.4	0	0.4
20-24	35.7	11.4	11.8	11.8	0.4	2.0
25-34	21.8	8.4	9.4	9.6	2.2	3.1
35-44	19.1	23.0	24.0	25.2	7.2	14.6
45-54	13.8	30.1	34.5	38.0	23.6	37.8
55-64	10.3	12.5	13.2	24.1	26.0	37.6
65-74	12.5	7.7	8.7	31.3	18.8	29.3
75-84	22.9	5.9	5.9	35.5	11.8	16.3
85+	16.5	4.1	12.3	43.2	4.1	18.5
Unknown	-	-	-	-	-	-
Total	14.5	11.6	12.7	17.2	8.3	13.4

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g., suicide, homicide or unintentional injuries. Refer to the Technical Notes for a complete explanation of induced versus related deaths involving firearms, drugs, or alcohol.

Maricopa County 2004 Mortality (Death) Statistics

**Table 2.07a Firearm, Drug, and Alcohol Induced and Related Deaths by Race/Ethnicity
Number of Cases**

Race/Ethnicity	Firearm Induced	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco	Alcohol Induced	Alcohol Related
White	289	312	339	487	198	328
Hispanic	174	47	52	57	45	79
African American	31	18	21	25	6	12
American Indian, Non-Hispanic	6	18	20	21	32	40
American Indian, Hispanic	4	5	5	5	2	4
Asian	1	1	1	1	4	4
Other/Unknown	1	5	5	5	2	2
Total	506	406	443	601	289	469

**Table 2.07b Firearm, Drug, and Alcohol Induced and Related Deaths by Race/Ethnicity
Crude Death Rate per 100,000 Residents**

Race/Ethnicity	Firearm Induced	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco	Alcohol Induced	Alcohol Related
White	13.2	14.3	15.5	22.3	9.1	15.0
Hispanic	17.9	4.8	5.3	5.8	4.6	8.1
African American	23.7	13.7	16.0	19.1	4.6	9.2
American Indian, Non-Hispanic	10.4	31.2	34.6	36.4	55.4	69.3
American Indian, Hispanic	23.0	28.8	28.8	28.8	11.5	23.0
Asian	1.1	1.1	1.1	1.1	4.5	4.5
Other/Unknown	-	-	-	-	-	-
Total	14.5	11.6	12.7	17.2	8.3	13.4

**Table 2.08a Firearm, Drug, and Alcohol Induced and Related Deaths by Gender
Number of Cases**

Gender	Firearm Induced	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco	Alcohol Induced	Alcohol Related
Male	449	271	305	399	212	357
Female	57	135	138	202	77	112
Total	506	406	443	601	289	469

**Table 2.08b Firearm, Drug, and Alcohol Induced and Related Deaths by Gender
Crude Death Rate per 100,000 Residents**

Gender	Firearm Induced	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco	Alcohol Induced	Alcohol Related
Male	25.5	15.4	17.3	22.7	12.1	20.3
Female	3.3	7.8	7.9	11.6	4.4	6.4
Total	14.5	11.6	12.7	17.2	8.3	13.4

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g., suicide, homicide or unintentional injuries.
Refer to the Technical Notes for a complete explanation of induced versus related deaths involving firearms, drugs, or alcohol.

Maricopa County 2004 Mortality (Death) Statistics

Table 2.09 Number and Percent of Deaths by Race/Ethnicity and Marital Status

Marital Status	Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian, Non-Hispanic		American Indian, Hispanic		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Never Married	1,547	7.9	753	29.6	183	23.6	99	32.1	19	44.2	29.0	13.7	4	9.1	2,634	11.2
Married	8,082	41.2	942	37.0	215	27.7	88	28.6	15	34.9	113.0	53.3	7	15.9	9,462	40.2
Widowed	7,255	37.0	512	20.1	214	27.5	57	18.5	0	0	53.0	25.0	4	9.1	8,095	34.4
Divorced	2,573	13.1	315	12.4	151	19.4	63	20.5	9	20.9	17.0	8.0	2	4.5	3,130	13.3
Unknown	143	0.7	26	1.0	14	1.8	1	0.3	0	0	0	0	27	61.4	211	0.9
Total	19,600		2,548		777		308		43		212		44		23,532	

Table 2.10 Number and Percent of Deaths by Race/Ethnicity and Education Level

Educational Level	Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian, Non-Hispanic		American Indian, Hispanic		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	198	1.0	342	13.4	36	4.6	15	4.9	9	20.9	16	7.5	3	6.8	619	2.6
Grade 1-6	347	1.8	631	24.8	39	5.0	21	6.8	1	2.3	20	9.4	0	0	1,059	4.5
Some HS	2,844	14.5	687	27.0	145	18.7	80	26.0	11	25.6	28	13.2	3	6.8	3,798	16.1
HS Grad	8,117	41.4	513	20.1	252	32.4	92	29.9	15	34.9	63	29.7	2	4.5	9,054	38.5
Some College	4,034	20.6	212	8.3	176	22.7	68	22.1	4	9.3	33	15.6	2	4.5	4,529	19.2
College Grad	2,242	11.4	64	2.5	50	6.4	19	6.2	0	0	32	15.1	1	2.3	2,408	10.2
Graduate School	1,503	7.7	23	0.9	44	5.7	8	2.6	0	0	19	9.0	1	2.3	1,598	6.8
Unknown	315	1.6	76	3.0	35	4.5	5	1.6	3	7.0	1	0.5	32	72.7	467	2.0
Total	19,600		2,548		777		308		43		212		44		23,532	

Table 2.11 Number and Percent of Deaths by Race/Ethnicity and Gender

Gender	Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian, Non-Hispanic		American Indian, Hispanic		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male	9,864	50.3	1,524	59.8	409	52.6	173	56.2	25	58.1	113	53.3	34	77.3	12,142	51.6
Female	9,736	49.7	1,024	40.2	368	47.4	135	43.8	18	41.9	99	46.7	10	22.7	11,390	48.4
Total	19,600		2,548		777		308		43		212		44		23,532	

III. Maricopa County 2004 Communicable Disease Statistics

Maricopa County 2004 Communicable Disease Statistics

Table 3.01a Number of Cases of Selected Reportable Diseases by Race/Ethnicity

Disease		Race/Ethnicity							Total
		White	Hisp.	Black	Amer Ind. Non-Hisp.	Amer Ind. Hisp.	Asian	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	22	6	3	5	0	1	7	44
	Measles	0	0	0	0	0	0	0	0
	Mumps	1	0	0	0	0	0	0	1
	Pertussis	56	38	8	0	0	0	7	109
Central Nervous System	Enceph Viral Other	18	5	2	1	0	0	5	31
	Meningitis Viral/Aseptic	329	139	21	2	3	8	60	562
	Meningococcal Meningitis	6	1	1	0	0	0	1	9
Enterics	Amebiasis	5	2	0	0	0	0	3	10
	Botulism	1	0	0	0	0	0	0	1
	Campylobacteriosis	153	67	6	20	3	2	176	427
	Cholera	0	0	0	0	0	0	0	0
	Cryptosporidiosis	2	1	0	0	0	0	4	7
	<i>E. Coli</i> O157.H7	10	1	0	0	0	0	9	20
	Giardiasis	31	15	8	1	0	0	50	105
	Listeriosis	3	0	0	0	0	0	3	6
	Salmonella Paratyphi	2	1	0	0	0	0	2	5
	Salmonellosis	113	61	8	15	0	4	155	356
	Shigellosis	35	79	6	6	0	2	101	229
	Typhoid	0	2	0	0	0	0	0	2
Mycosis	Coccidioidomycosis	398	80	38	16	0	17	2,153	2,702
Zoonoses/ Vectorborne	Brucellosis	0	0	0	0	0	0	0	0
	Dengue	0	0	0	0	0	0	0	0
	Hantavirus Pulm. Syn.	0	0	0	0	0	0	0	0
	Lyme Disease	5	0	0	0	0	0	5	10
	Malaria	1	1	4	0	0	0	7	13
	West Nile Virus	262	30	1	5	0	4	53	355
Hepatitides	Hepatitis A	17	29	2	1	0	0	71	120
	Hepatitis B (Acute)	38	9	7	4	0	0	122	180
	Hepatitis C	772	261	97	80	1	2	512	1,725
	Hepatitis D	0	0	0	0	0	0	0	0
Other	Legionellosis	7	1	2	0	0	0	3	13
	MRSA - Reportable 10/04	4	1	0	3	0	0	210	218
	Strep Group A	55	20	6	9	0	0	62	152
	Strep Group B	8	11	2	0	0	0	13	34
	Strep Pneumo Invasive	166	23	13	25	0	1	209	437
	Toxic Shock Syndrome	2	0	0	0	0	0	0	2
	Vibrio spp.	2	0	0	0	0	0	3	5
	VRE	468	47	21	31	0	2	422	991
	Yersiniosis	2	1	0	0	0	1	1	5
	Hansen's Disease	2	1	0	0	0	0	0	3
Tuberculosis Sexually Transmitted Disease		38	93	27	4	0	23	1	186
	Genital Herpes ¹	399	174	46	43	-	7	148	817
	Gonorrhea ¹	1,025	945	583	158	-	14	242	2,967
	Syphilis – Primary and Secondary ¹	56	32	14	9	-	1	0	112
	Syphilis – All Others ¹	127	303	85	20	-	5	0	540
	Chlamydia ¹	3,262	4,231	1,033	802	-	99	1,250	10,677
	HIV	165	91	51	7	0	4	1	319
	AIDS	182	94	42	12	3	1	1	335
All Others		2	5	0	1	0	2	7	17
Total		8,252	6,901	2,137	1,282	10	200	6,080	24,862

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Data collection methods for race/ethnicity data for genital herpes, gonorrhea, syphilis, and chlamydia do not allow the data to utilize an 'American Indian, Hispanic' category.

Maricopa County 2004 Communicable Disease Statistics

Table 3.01b Case Rates per 100,000 Residents for Selected Reportable Diseases by Race/Ethnicity

Disease		Race/Ethnicity							Total
		White	Hisp.	Black	Amer Ind. Non-Hisp.	Amer Ind. Hisp.	Asian	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	1.0	0.6	2.3	8.7	0	1.1	-	1.3
	Measles	0	0	0	0	0	0	-	0
	Mumps	0.0	0	0	0	0	0	-	0.0
	Pertussis	2.6	3.9	6.1	0	0	0	-	3.1
Central Nervous System	Enceph Viral Other	0.8	0.5	1.5	1.7	0	0	-	0.9
	Meningitis Viral/Aseptic	15.1	14.3	16.0	3.5	17.3	8.9	-	16.1
Enterics	Meningococcal Meningitis	0.3	0.1	0.8	0	0	0	-	0.3
	Amebiasis	0.2	0.2	0	0	0	0	-	0.3
	Botulism	0.0	0	0	0	0	0	-	0.0
	Campylobacteriosis	7.0	6.9	4.6	34.6	17.3	2.2	-	12.2
	Cholera	0	0	0	0	0	0	-	0
	Cryptosporidiosis	0.1	0.1	0	0	0	0	-	0.2
	<i>E. Coli</i> O157.H7	0.5	0.1	0	0	0	0	-	0.6
	Giardiasis	1.4	1.5	6.1	1.7	0	0	-	3.0
	Listeriosis	0.1	0	0	0	0	0	-	0.2
	Salmonella Paratyphi	0.1	0.1	0	0	0	0	-	0.1
	Salmonellosis	5.2	6.3	6.1	26.0	0	4.5	-	10.2
	Shigellosis	1.6	8.1	4.6	10.4	0	2.2	-	6.5
	Typhoid	0	0.2	0	0	0	0	-	0.1
Mycosis	Coccidioidomycosis	18.2	8.2	29.0	27.7	0	19.0	-	77.2
Zoonoses/ Vectorborne	Brucellosis	0	0	0	0	0	0	-	0
	Dengue	0	0	0	0	0	0	-	0
	Hantavirus Pulm. Syn.	0	0	0	0	0	0	-	0
	Lyme Disease	0.2	0	0	0	0	0	-	0.3
	Malaria	0.0	0.1	3.1	0	0	0	-	0.4
	West Nile Virus	12.0	3.1	0.8	8.7	0	4.5	-	10.1
Hepatitides	Hepatitis A	0.8	3.0	1.5	1.7	0	0	-	3.4
	Hepatitis B (Acute)	1.7	0.9	5.3	6.9	0	0	-	5.1
	Hepatitis C	35.4	26.8	74.0	138.5	5.8	2.2	-	49.3
	Hepatitis D	0	0	0	0	0	0	-	0
Other	Legionellosis	0.3	0.1	1.5	0	0	0	-	0.4
	MRSA - Reportable 10/04	0.2	0.1	0	5.2	0	0	-	6.2
	Strep Group A	2.5	2.1	4.6	15.6	0	0	-	4.3
	Strep Group B ¹	0.3	0.4	0.8	0	0	0	-	0.6
	Strep Pneumo Invasive	7.6	2.4	9.9	43.3	0	1.1	-	12.5
	Toxic Shock Syndrome	0.1	0	0	0	0	0	-	0.1
	Vibrio spp.	0.1	0	0	0	0	0	-	0.1
	VRE	21.4	4.8	16.0	53.7	0	2.2	-	28.3
	Yersiniosis	0.1	0.1	0	0	0	1.1	-	0.1
	Hansen's Disease	0.1	0.1	0	0	0	0	-	0.1
Tuberculosis		1.7	9.5	20.6	6.9	0	25.7	-	5.3
Sexually Transmitted Disease	Genital Herpes ²	18.3	17.9	35.1	74.5	-	7.8	-	23.4
	Gonorrhea ²	46.9	97.0	444.9	273.6	-	15.6	-	84.8
	Syphilis – Primary and Secondary ²	2.6	3.3	10.7	15.6	-	1.1	-	3.2
	Syphilis – All Others ²	5.8	31.1	64.9	34.6	-	5.6	-	15.4
	Chlamydia ²	149.4	434.1	788.2	1,388.6	-	110.6	-	305.2
	HIV	7.6	9.3	38.9	12.1	0	4.5	-	9.1
	AIDS	8.3	9.6	32.0	20.8	17.3	1.1	-	9.6
All Others		0.1	0.5	0	1.7	0	2.2	-	0.5
Total		377.9	708.1	1,630.7	2,219.7	57.6	223.4	-	710.6

¹ Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births by race of the mother.

² Data collection methods for race/ethnicity data for genital herpes, gonorrhea, syphilis, and chlamydia do not allow the data to utilize an 'American Indian, Hispanic' category.

Maricopa County 2004 Communicable Disease Statistics

Table 3.02a Number of Cases of Selected Reportable Diseases by Age Group

Disease		Age Group													Total
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-84	85+	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	6	5	2	1	1	2	0	4	5	4	11	2	1	44
	Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mumps	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	Pertussis	35	10	11	15	2	8	11	10	5	1	1	0	0	109
Central Nervous System	Enceph Viral Other	0	1	1	0	4	2	1	6	4	5	6	1	0	31
	Meningitis Viral/Aseptic	79	19	45	40	42	50	83	78	46	42	32	3	3	562
	Meningococcal Meningitis	2	0	0	2	0	0	1	0	1	1	2	0	0	9
Enterics	Amebiasis	0	1	0	0	0	0	4	1	3	1	0	0	0	10
	Botulism	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	Campylobacteriosis	23	51	33	24	19	27	53	61	54	38	35	2	7	427
	Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cryptosporidiosis	0	1	0	0	1	1	3	0	1	0	0	0	0	7
	<i>E. Coli</i> O157.H7	0	3	3	0	1	0	1	1	5	1	1	1	3	20
	Giardiasis	2	40	10	3	1	0	8	18	7	7	6	1	2	105
	Listeriosis	1	0	0	0	0	0	0	0	1	0	3	1	0	6
	Salmonella Paratyphi	0	1	0	3	0	0	1	0	0	0	0	0	0	5
	Salmonellosis	46	56	33	25	21	10	35	34	36	26	22	3	9	356
	Shigellosis	8	74	66	11	4	10	14	17	9	6	4	1	5	229
	Typhoid	0	0	1	0	0	1	0	0	0	0	0	0	0	2
Mycosis	Coccidioidomycosis	9	11	26	71	99	95	281	451	482	462	604	69	42	2,702
Zoonoses/ Vectorborne	Brucellosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dengue	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hantavirus Pulm. Syn.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lyme Disease	0	0	1	0	0	0	2	2	2	0	3	0	0	10
	Malaria	0	2	1	0	0	2	1	3	4	0	0	0	0	13
	West Nile Virus	3	2	2	1	7	13	31	60	75	69	86	5	1	355
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitides	Hepatitis A	1	9	4	21	11	8	12	13	18	7	14	1	1	120
	Hepatitis B (Acute)	0	0	2	2	2	16	40	42	42	19	14	0	1	180
	Hepatitis C	3	0	0	0	13	47	205	434	627	256	119	13	8	1,725
	Hepatitis D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	Legionellosis	0	0	0	0	0	0	1	0	3	6	3	0	0	13
	MRSA - Reportable 10/04	6	0	2	2	4	2	12	27	37	36	78	9	3	218
	Strep Group A	1	8	2	3	2	1	15	18	33	30	32	4	3	152
	Strep Group B ¹	34	-	-	-	-	-	-	-	-	-	-	-	-	34
	Strep Pneumo Invasive	21	32	15	4	7	11	24	53	77	50	104	21	18	437
	Toxic Shock Syndrome	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	Vibrio spp.	0	1	0	0	0	0	0	3	1	0	0	0	0	5
	VRE	8	2	5	3	7	10	42	69	124	180	421	90	30	991
	Yersiniosis	0	0	1	0	0	1	0	0	1	1	1	0	0	5
	Hansen's Disease	0	0	0	0	0	0	1	0	0	2	0	0	0	3
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis		4	11	9	2	7	12	26	39	27	19	25	5	0	186
Sexually Transmitted Diseases	Genital Herpes	3	1	3	4	94	223	226	133	76	35	19	0	0	817
	Gonorrhea	3	1	1	29	651	885	864	382	117	30	4	0	0	2,967
	Syphilis – Primary and Secondary	0	0	0	0	0	11	25	51	17	6	2	0	0	112
	Syphilis – All Others	0	0	0	0	3	51	177	191	83	25	10	0	0	540
	Chlamydia	7	0	1	139	3,380	3,904	2,583	521	117	17	8	0	0	10,677
	HIV	0	0	0	2	7	43	115	107	32	12	1	0	0	319
	AIDS	0	1	0	0	3	17	94	120	74	20	6	0	0	335
All Others		3	3	0	1	0	0	1	2	2	1	1	0	3	17
Total		310	346	280	408	4,395	5,463	4,993	2,952	2,249	1,415	1,679	232	140	24,862

¹

Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

Maricopa County 2004 Communicable Disease Statistics

Table 3.02b Case Rates per 100,000 Residents for Selected Reportable Diseases by Age Group

Disease		Age Group												Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-84	85+	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	3.8	0.7	0.4	0.4	0.8	0	0.8	1.2	1.3	3.2	4.1	-	1.3
	Measles	0	0	0	0	0	0	0	0	0	0	0	-	0
	Mumps	0	0	0	0	0	0	0	0	0	0.3	0	-	0.0
	Pertussis	15.5	4.1	5.7	0.9	3.2	2.0	2.0	1.2	0.3	0.3	0	-	3.1
Central Nervous System	Enceph Viral Other	0.3	0.4	0	1.7	0.8	0.2	1.2	0.9	1.6	1.7	2.1	-	0.9
	Meningitis Viral/Aseptic	33.7	16.7	15.1	17.9	20.3	15.1	15.2	10.7	13.5	9.3	6.2	-	16.1
	Meningococcal Meningitis	0.7	0	0.8	0	0	0.2	0	0.2	0.3	0.6	0	-	0.3
Enterics	Amebiasis	0.3	0	0	0	0	0.7	0.2	0.7	0.3	0	0	-	0.3
	Botulism	0.3	0	0	0	0	0	0	0	0	0	0	-	0.0
	Campylobacteriosis	25.5	12.3	9.1	8.1	11.0	9.6	11.9	12.6	12.2	10.2	4.1	-	12.2
	Cholera	0	0	0	0	0	0	0	0	0	0	0	-	0
	Cryptosporidiosis	0.3	0	0	0.4	0.4	0.5	0	0.2	0	0	0	-	0.2
	<i>E. Coli</i> O157.H7	1.0	1.1	0	0.4	0	0.2	0.2	1.2	0.3	0.3	2.1	-	0.6
	Giardiasis	14.5	3.7	1.1	0.4	0	1.5	3.5	1.6	2.3	1.7	2.1	-	3.0
	Listeriosis	0.3	0	0	0	0	0	0	0.2	0	0.9	2.1	-	0.2
	Salmonella Paratyphi	0.3	0	1.1	0	0	0.2	0	0	0	0	0	-	0.1
	Salmonellosis	35.1	12.3	9.5	8.9	4.1	6.4	6.6	8.4	8.4	6.4	6.2	-	10.2
	Shigellosis	28.2	24.6	4.2	1.7	4.1	2.5	3.3	2.1	1.9	1.2	2.1	-	6.5
	Typhoid	0	0.4	0	0	0.4	0	0	0	0	0	0	-	0.1
Mycosis	Coccidioidomycosis	6.9	9.7	26.9	42.2	38.6	51.0	88.0	112.5	148.5	175.9	141.9	-	77.2
Zoonoses/ Vectorborne	Brucellosis	0	0	0	0	0	0	0	0	0	0	0	-	0
	Dengue	0	0	0	0	0	0	0	0	0	0	0	-	0
	Hantavirus Pulm. Syn.	0	0	0	0	0	0	0	0	0	0	0	-	0
	Lyme Disease	0	0.4	0	0	0	0.4	0.4	0.5	0	0.9	0	-	0.3
	Malaria	0.7	0.4	0	0	0.8	0.2	0.6	0.9	0	0	0	-	0.4
	West Nile Virus	1.7	0.7	0.4	3.0	5.3	5.6	11.7	17.5	22.2	25.0	10.3	-	10.1
	Legionellosis	0	0	0	0	0	0.2	0	0.7	1.9	0.9	0	-	0.4
Hepatitides	Hepatitis A	3.4	1.5	7.9	4.7	3.2	2.2	2.5	4.2	2.3	4.1	2.1	-	3.4
	Hepatitis B (Acute)	0	0.7	0.8	0.9	6.5	7.3	8.2	9.8	6.1	4.1	0	-	5.1
	Hepatitis C	1.0	0	0	5.5	19.1	37.2	84.7	146.3	82.3	34.7	26.7	-	49.3
	Hepatitis D	0	0	0	0	0	0	0	0	0	0	0	-	0
	MRSA - Reportable 10/04	2.1	0.7	0.8	1.7	0.8	2.2	5.3	8.6	11.6	22.7	18.5	-	6.2
Other	Strep Group A	3.1	0.7	1.1	0.9	0.4	2.7	3.5	7.7	9.6	9.3	8.2	-	4.3
	Strep Group B ¹	0.6	-	-	-	-	-	-	-	-	-	-	-	0.6
	Strep Pneumo Invasive	18.2	5.6	1.5	3.0	4.5	4.4	10.3	18.0	16.1	30.3	43.2	-	12.5
	Toxic Shock Syndrome	0	0	0	0.9	0	0	0	0	0	0	0	-	0.1
	Vibrio spp.	0.3	0	0	0	0	0	0.6	0.2	0	0	0	-	0.1
	VRE	3.4	1.9	1.1	3.0	4.1	7.6	13.5	28.9	57.9	122.6	185.1	-	28.3
	Yersiniosis	0	0.4	0	0	0.4	0	0	0.2	0.3	0.3	0	-	0.1
	Hansen's Disease	0	0	0	0	0	0.2	0	0	0.6	0	0	-	0.1
	Tuberculosis	5.2	3.3	0.8	3.0	4.9	4.7	7.6	6.3	6.1	7.3	10.3	-	5.3
	Genital Herpes	1.4	1.1	1.5	40.0	90.6	41.1	26.0	17.7	11.3	5.5	0	-	23.4
	Gonorrhea	1.4	0.4	11.0	277.2	359.5	157.0	74.6	27.3	9.6	1.2	0	-	84.8
	Syphilis – Primary and Secondary	0	0	0	0	4.5	4.5	10.0	4.0	1.9	0.6	0	-	3.2
	Syphilis – All Others	0	0	0	1.3	20.7	32.2	37.3	19.4	8.0	2.9	0	-	15.4
	Chlamydia	2.4	0.4	52.6	1,439.1	1,585.8	469.2	101.7	27.3	5.5	2.3	0	-	305.2
	HIV	0	0	0.8	3.0	17.5	20.9	20.9	7.5	3.9	0.3	0	-	9.1
	AIDS	0.3	0	0	1.3	6.9	17.1	23.4	17.3	6.4	1.7	0	-	9.6
All Others		2.1	0	0.4	0	0	0.2	0.4	0.5	0.3	0.3	0	-	0.5
Total		225.9	104.2	154.3	1,871.2	2,219.0	907.0	576.3	524.9	455.0	489.1	477.2	-	710.6

¹ Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births.

Maricopa County 2004 Communicable Disease Statistics

Table 3.03a Number of Cases of Selected Reportable Diseases by Gender

Disease		Gender			Total
		Male	Female	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	19	25	0	44
	Measles	0	0	0	0
	Mumps	0	1	0	1
	Pertussis	45	64	0	109
Central Nervous System	Enceph Viral Other	17	14	0	31
	Meningitis Viral/Aseptic	245	316	1	562
	Meningococcal Meningitis	5	4	0	9
Enterics	Amebiasis	6	3	1	10
	Botulism	1	0	0	1
	Campylobacteriosis	227	199	1	427
	Cholera	0	0	0	0
	Cryptosporidiosis	4	3	0	7
	<i>E. Coli</i> O157.H7	6	14	0	20
	Giardiasis	55	50	0	105
	Listeriosis	3	3	0	6
	Salmonella Paratyphi	2	2	1	5
	Salmonellosis	159	193	4	356
	Shigellosis	100	127	2	229
	Typhoid	1	1	0	2
Mycosis	Coccidioidomycosis	1,540	1,151	11	2,702
Zoonoses/ Vectorborne	Brucellosis	0	0	0	0
	Dengue	0	0	0	0
	Hantavirus Pulm. Syn.	0	0	0	0
	Lyme Disease	7	3	0	10
	Malaria	8	5	0	13
	West Nile Virus	186	169	0	355
Hepatitides	Hepatitis A	60	60	0	120
	Hepatitis B (Acute)	111	68	1	180
	Hepatitis C	1,208	507	10	1,725
	Hepatitis D	0	0	0	0
Other	Legionellosis	9	4	0	13
	MRSA - Reportable 10/04	125	90	3	218
	Strep Group A	87	63	2	152
	Strep Group B	12	22	0	34
	Strep Pneumo Invasive	238	199	0	437
	Toxic Shock Syndrome	1	1	0	2
	Vibrio spp.	3	2	0	5
	VRE	381	605	5	991
	Yersiniosis	1	4	0	5
	Hansen's Disease	1	2	0	3
Tuberculosis		115	71	0	186
Sexually Transmitted Diseases	Genital Herpes	264	553	0	817
	Gonorrhea	1,702	1,265	0	2,967
	Syphilis – Primary and Secondary	86	26	0	112
	Syphilis – All Others	334	206	0	540
	Chlamydia	2,432	8,245	0	10,677
	HIV	261	58	0	319
	AIDS	286	49	0	335
All Others		9	5	3	17
Total		10,365	14,452	45	24,862

Maricopa County 2004 Communicable Disease Statistics

Table 3.03b Case Rates per 100,000 Residents for Selected Reportable Diseases by Gender

Disease		Gender			Total
		Male	Female	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	1.1	1.4	-	1.3
	Measles	0	0	-	0
	Mumps	0	0.1	-	0.0
	Pertussis	2.6	3.7	-	3.1
Central Nervous System	Enceph Viral Other	1.0	0.8	-	0.9
	Meningitis Viral/Aseptic	13.9	18.2	-	16.1
	Meningococcal Meningitis	0.3	0.2	-	0.3
Enterics	Amebiasis	0.3	0.2	-	0.3
	Botulism	0.1	0	-	0.0
	Campylobacteriosis	12.9	11.4	-	12.2
	Cholera	0	0	-	0
	Cryptosporidiosis	0.2	0.2	-	0.2
	<i>E. Coli</i> O157.H7	0.3	0.8	-	0.6
	Giardiasis	3.1	2.9	-	3.0
	Listeriosis	0.2	0.2	-	0.2
	Salmonella Paratyphi	0.1	0.1	-	0.1
	Salmonellosis	9.0	11.1	-	10.2
	Shigellosis	5.7	7.3	-	6.5
	Typhoid	0.1	0.1	-	0.1
Mycosis Zoonoses/ Vectorborne	Coccidioidomycosis	87.6	66.2	-	77.2
	Brucellosis	0	0	-	0
	Dengue	0	0	-	0
	Hantavirus Pulm. Syn.	0	0	-	0
	Lyme Disease	0.4	0.2	-	0.3
	Malaria	0.5	0.3	-	0.4
	West Nile Virus	10.6	9.7	-	10.1
Hepatitides	Hepatitis A	3.4	3.4	-	3.4
	Hepatitis B (Acute)	6.3	3.9	-	5.1
	Hepatitis C	68.7	29.1	-	49.3
	Hepatitis D	0	0	-	0
Other	Legionellosis	0.5	0.2	-	0.4
	MRSA - Reportable 10/04	7.1	5.2	-	6.2
	Strep Group A	4.9	3.6	-	4.3
	Strep Group B ¹	0.4	0.7	-	0.6
	Strep Pneumo Invasive	13.5	11.4	-	12.5
	Toxic Shock Syndrome	0.1	0.1	-	0.1
	Vibrio spp.	0.2	0.1	-	0.1
	VRE	21.7	34.8	-	28.3
	Yersiniosis	0.1	0.2	-	0.1
	Hansen's Disease	0.1	0.1	-	0.1
	Tuberculosis	6.5	4.1	-	5.3
Sexually Transmitted Diseases	Genital Herpes	15.0	31.8	-	23.4
	Gonorrhea	96.8	72.7	-	84.8
	Syphilis – Primary and Secondary	4.9	1.5	-	3.2
	Syphilis – All Others	19.0	11.8	-	15.4
	Chlamydia	138.3	473.9	-	305.2
	HIV	14.8	3.3	-	9.1
	AIDS	16.3	2.8	-	9.6
All Others		0.5	0.3	-	0.5
Total		589.4	830.6	-	710.6

¹ Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births.

IV. Maricopa County 2004 Natality (Birth) Statistics

Maricopa County 2004 Natality (Birth) Statistics

Table 4.01 Number and Percent of Births by Age and Race/Ethnicity of Mother

Age Group of Mother	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<15	11	0.0	108	0.4	7	0.3	5	0.3	0	0	1	0.1	0	0	132	0.2
15-19	1,565	5.8	4,622	16.9	389	16.2	291	16.9	17	19.8	50	2.6	16	7.0	6,950	11.5
20-24	5,713	21.3	8,366	30.6	764	31.7	584	34.0	34	39.5	249	12.7	34	15.0	15,744	26.0
25-29	7,859	29.3	7,404	27.1	588	24.4	434	25.2	23	26.7	587	30.0	42	18.5	16,937	28.0
30-34	7,348	27.4	4,608	16.9	425	17.7	267	15.5	8	9.3	728	37.2	48	21.1	13,432	22.2
35-39	3,560	13.3	1,818	6.7	179	7.4	107	6.2	3	3.5	284	14.5	48	21.1	5,999	9.9
40-44	725	2.7	370	1.4	50	2.1	32	1.9	1	1.2	57	2.9	29	12.8	1,264	2.1
45+	43	0.2	16	0.1	5	0.2	0	0	0	0	3	0.2	9	4.0	76	0.1
Unk.	0	0	0	0	0	0	0	0	0	0	0	0	1	0.4	1	0.0
Total	26,824		27,312		2,407		1,720		86		1,959		227		60,535	

Table 4.02 Number and Percent of Births by Marital Status and Race/Ethnicity of Mother

Marital Status of Mother	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Married	20,417	76.1	12,044	44.1	867	36.0	459	26.7	31	36.0	1,664	84.9	185	81.5	35,667	58.9
Single	6,135	22.9	14,962	54.8	1,498	62.2	1,229	71.5	55	64.0	286	14.6	39	17.2	24,204	40.0
Refused	176	0.7	244	0.9	32	1.3	17	1.0	0	0	5	0.3	0	0	474	0.8
Divorced	70	0.3	35	0.1	5	0.2	8	0.5	0	0	2	0.1	0	0	120	0.2
Unknown	26	0.1	27	0.1	5	0.2	7	0.4	0	0	2	0.1	3	1.3	70	0.1
Total	26,824		27,312		2,407		1,720		86		1,959		227		60,535	

Table 4.03 Number and Percent of Births by Educational Level and Race/Ethnicity of Mother

Education Level of Mother	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<6 th Grade	58	0.2	1,009	3.7	27	1.1	1	0.1	0	0	28	1.4	2	0.9	1,125	1.9
6 th - 11 th Grade	2,275	8.5	14,067	51.5	499	20.7	545	31.7	24	27.9	109	5.6	18	7.9	17,537	29.0
HS Diploma	6,678	24.9	7,150	26.2	840	34.9	543	31.6	27	31.4	410	20.9	29	12.8	15,677	25.9
College+	17,566	65.5	4,664	17.1	1,000	41.5	605	35.2	29	33.7	1,386	70.8	58	25.6	25,308	41.8
Unknown	247	0.9	422	1.5	41	1.7	26	1.5	6	7.0	26	1.3	120	52.9	888	1.5
Total	26,824		27,312		2,407		1,720		86		1,959		227		60,535	

Maricopa County 2004 Natality (Birth) Statistics

Table 4.04 Trimester of First Prenatal Care by Race/Ethnicity of Mother

Trimester of First Prenatal Care	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
First	24,087	89.8	18,947	69.4	1,850	76.9	1,402	81.5	65	75.6	1,717	87.6	134	59.0	48,202	79.6
Second	1,967	7.3	5,844	21.4	370	15.4	198	11.5	17	19.8	167	8.5	42	18.5	8,605	14.2
Third	461	1.7	1,456	5.3	93	3.9	50	2.9	2	2.3	50	2.6	17	7.5	2,129	3.5
None	262	1.0	1,013	3.7	79	3.3	62	3.6	1	1.2	21	1.1	22	9.7	1,460	2.4
Unknown	47	0.2	52	0.2	15	0.6	8	0.5	1	1.2	4	0.2	12	5.3	139	0.2
Total	26,824		27,312		2,407		1,720		86		1,959		227		60,535	

Table 4.05 Number and Percent of Prenatal Care Visits by Race/Ethnicity of Mother

Number of Prenatal Care Visits	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	262	1.0	1,013	3.7	79	3.3	62	3.6	1	1.2	21	1.1	22	9.7	1,460	2.4
1 to 4	386	1.4	1,541	5.6	101	4.2	103	6.0	3	3.5	47	2.4	17	7.5	2,198	3.6
5 to 8	2,407	9.0	5,389	19.7	361	15.0	350	20.3	12	14.0	222	11.3	50	22.0	8,791	14.5
9 to 12	15,330	57.2	11,521	42.2	1,155	48.0	798	46.4	42	48.8	1,178	60.1	90	39.6	30,114	49.7
13 to 16	6,265	23.4	6,283	23.0	482	20.0	289	16.8	18	20.9	385	19.7	28	12.3	13,750	22.7
17 or More	1,886	7.0	1,375	5.0	203	8.4	105	6.1	8	9.3	92	4.7	7	3.1	3,676	6.1
Unknown	288	1.1	190	0.7	26	1.1	13	0.8	2	2.3	14	0.7	13	5.7	546	0.9
Total	26,824		27,312		2,407		1,720		86		1,959		227		60,535	

**Table 4.06 Adequacy of Prenatal Care by Race/Ethnicity of Mother
Singleton Births Only**

Adequacy of Prenatal Care	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Inadequate	1,797	7.0	6,200	23.2	403	17.4	335	20.0	12	14.0	169	8.9	69	31.7	8,985	15.3
Intermediate	2,723	10.6	3,650	13.6	270	11.7	332	19.8	7	8.1	200	10.5	36	16.5	7,218	12.3
Adequate	13,862	53.8	9,695	36.2	931	40.3	642	38.3	37	43.0	1,042	54.7	68	31.2	26,277	44.8
Adequate Plus	7,077	27.5	7,001	26.2	676	29.3	351	20.9	28	32.6	481	25.2	34	15.6	15,648	26.7
Information Missing	287	1.1	202	0.8	30	1.3	17	1.0	2	2.3	14	0.7	11	5.0	563	1.0
Total	25,746		26,748		2,310		1,677		86		1,906		218		58,691	

Maricopa County 2004 Natality (Birth) Statistics

Table 4.07 Birthweight of Infant by Race/Ethnicity of Mother

Birthweight of Infant	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1500 Grams	281	1.0	349	1.3	64	2.7	16	0.9	1	1.2	21	1.1	3	1.3	735	1.2
1500-2499 Grams	1,595	5.9	1,460	5.3	213	8.8	106	6.2	5	5.8	144	7.4	17	7.5	3,540	5.8
2500-4249 Grams	23,998	89.5	24,727	90.5	2,090	86.8	1,510	87.8	80	93.0	1,758	89.7	204	89.9	54,367	89.8
>4249 Grams	949	3.5	763	2.8	40	1.7	88	5.1	0	0	36	1.8	2	0.9	1,878	3.1
Unknown	1	0.0	13	0.0	0	0	0	0	0	0	0	0	1	0.4	15	0.0
Total	26,824		27,312		2,407		1,720		86		1,959		227		60,535	

Table 4.08 Preterm Births (Less than 37 Weeks Gestation) by Race/Ethnicity of Mother

Gestational Estimate	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<37 Weeks Gestation	3,147	11.7	2,848	10.4	355	14.7	205	11.9	10	11.6	224	11.4	27	11.9	6,816	11.3
≥37 Weeks Gestation	23,670	88.2	24,457	89.5	2,048	85.1	1,514	88.0	76	88.4	1,733	88.5	199	87.7	53,697	88.7
Unknown	7	0.0	7	0.0	4	0.2	1	0.1	0	0	2	0.1	1	0.4	22	0.0
Total	26,824		27,312		2,407		1,720		86		1,959		227		60,535	

Maricopa County 2004 Natality (Birth) Statistics

Table 4.09 Number and Percent of Births by Marital Status and Age Group of Mother

Marital Status of Mother	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Married	2	1.5	1,045	15.0	6,827	43.4	11,394	67.3	10,529	78.4	4,830	80.5	984	77.8	55	72.4	1	100.0	35,667	58.9
Single	130	98.5	5,894	84.8	8,740	55.5	5,352	31.6	2,721	20.3	1,091	18.2	256	20.3	20	26.3	0	0	24,204	40.0
Refused	0	0	7	0.1	122	0.8	135	0.8	131	1.0	64	1.1	14	1.1	1	1.3	0	0	474	0.8
Divorced	0	0	0	0	32	0.2	41	0.2	34	0.3	6	0.1	7	0.6	0	0	0	0	120	0.2
Unknown	0	0	4	0.1	23	0.1	15	0.1	17	0.1	8	0.1	3	0.2	0	0	0	0	70	0.1
Total	132		6,950		15,744		16,937		13,432		5,999		1,264		76		1		60,535	

Table 4.10 Number and Percent of Births by Educational Level and Age Group of Mother

Educational Level of Mother	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<6 th Grade	3	2.3	100	1.4	259	1.6	340	2.0	241	1.8	130	2.2	49	3.9	3	3.9	0	0	1,125	1.9
6 th -11 th Grade	127	96.2	4,468	64.3	5,402	34.3	4,111	24.3	2,363	17.6	877	14.6	182	14.4	7	9.2	0	0	17,537	29.0
HS Diploma	0	0	1,941	27.9	5,492	34.9	4,263	25.2	2,625	19.5	1,110	18.5	234	18.5	12	15.8	0	0	15,677	25.9
College+	0	0	343	4.9	4,364	27.7	8,021	47.4	8,020	59.7	3,767	62.8	752	59.5	41	53.9	0	0	25,308	41.8
Unknown	2	1.5	98	1.4	227	1.4	202	1.2	183	1.4	115	1.9	47	3.7	13	17.1	1	100.0	888	1.5
Total	132		6,950		15,744		16,937		13,432		5,999		1,264		76		1		60,535	

Table 4.11 Trimester of First Prenatal Care by Age Group of Mother

Trimester of First Prenatal Care	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
First	64	48.5	4,564	65.7	11,815	75.0	13,894	82.0	11,566	86.1	5,180	86.3	1,060	83.9	58	76.3	1	100.0	48,202	79.6
Second	47	35.6	1,714	24.7	2,777	17.6	2,104	12.4	1,286	9.6	539	9.0	129	10.2	9	11.8	0	0	8,605	14.2
Third	16	12.1	402	5.8	657	4.2	529	3.1	324	2.4	160	2.7	39	3.1	2	2.6	0	0	2,129	3.5
None	5	3.8	251	3.6	469	3.0	372	2.2	226	1.7	105	1.8	28	2.2	4	5.3	0	0	1,460	2.4
Unknown	0	0	19	0.3	26	0.2	38	0.2	30	0.2	15	0.3	8	0.6	3	3.9	0	0	139	0.2
Total	132		6,950		15,744		16,937		13,432		5,999		1,264		76		1		60,535	

Maricopa County 2004 Natality (Birth) Statistics

Table 4.12 Number and Percent of Prenatal Care Visits by Age Group of Mother

Number of Prenatal Care Visits	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	5	3.8	251	3.6	469	3.0	372	2.2	226	1.7	105	1.8	28	2.2	4	5.3	0	0	1,460	2.4
1 to 4	13	9.8	420	6.0	710	4.5	538	3.2	323	2.4	152	2.5	40	3.2	2	2.6	0	0	2,198	3.6
5 to 8	36	27.3	1,460	21.0	2,614	16.6	2,273	13.4	1,563	11.6	664	11.1	167	13.2	14	18.4	0	0	8,791	14.5
9 to 12	48	36.4	3,074	44.2	7,578	48.1	8,488	50.1	7,060	52.6	3,220	53.7	619	49.0	26	34.2	1	100.0	30,114	49.7
13 to 16	27	20.5	1,347	19.4	3,403	21.6	4,073	24.0	3,260	24.3	1,344	22.4	280	22.2	16	21.1	0	0	13,750	22.7
17 or More	3	2.3	336	4.8	822	5.2	1,037	6.1	889	6.6	462	7.7	117	9.3	10	13.2	0	0	3,676	6.1
Unknown	0	0	62	0.9	148	0.9	156	0.9	111	0.8	52	0.9	13	1.0	4	5.3	0	0	546	0.9
Total	132		6,950		15,744		16,937		13,432		5,999		1,264		76		1		60,535	

**Table 4.13 Adequacy of Prenatal Care by Age Group of Mother
Singleton Births Only**

Adequacy of Prenatal Care	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Inadequate	53	40.2	1,749	25.5	2,859	18.5	2,233	13.6	1,327	10.3	605	10.6	148	12.4	11	19.3	0	0	8,985	15.3
Intermediate	23	17.4	927	13.5	1,954	12.6	2,032	12.4	1,447	11.2	681	11.9	149	12.5	4	7.0	1	100.0	7,218	12.3
Adequate	21	15.9	2,443	35.6	6,467	41.8	7,542	46.0	6,464	50.1	2,802	49.1	513	42.9	25	43.9	0	0	26,277	44.8
Adequate Plus	35	26.5	1,680	24.5	4,022	26.0	4,426	27.0	3,537	27.4	1,563	27.4	370	31.0	15	26.3	0	0	15,648	26.7
Information Missing	0	0	69	1.0	153	1.0	150	0.9	120	0.9	54	0.9	15	1.3	2	3.5	0	0	563	1.0
Total	132		6,868		15,455		16,383		12,895		5,705		1,195		57		1		58,691	

Maricopa County 2004 Natality (Birth) Statistics

Table 4.14 Birthweight of Infant by Age Group of Mother

Birthweight of Infant	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1500 Grams	1	0.8	99	1.4	189	1.2	175	1.0	152	1.1	90	1.5	27	2.1	2	2.6	0	0	735	1.2
1500-2499 Grams	16	12.1	438	6.3	822	5.2	965	5.7	776	5.8	392	6.5	114	9.0	17	22.4	0	0	3,540	5.8
2500-4249 Grams	112	84.8	6,310	90.8	14,373	91.3	15,253	90.1	11,939	88.9	5,254	87.6	1,070	84.7	55	72.4	1	100.0	54,367	89.8
>4249 Grams	3	2.3	101	1.5	359	2.3	541	3.2	560	4.2	261	4.4	51	4.0	2	2.6	0	0	1,878	3.1
Unknown	0	0	2	0.0	1	0.0	3	0.0	5	0.0	2	0.0	2	0.2	0	0	0	0	15	0.0
Total	132		6,950		15,744		16,937		13,432		5,999		1,264		76		1		60,535	

Table 4.15 Preterm Births (Less than 37 Weeks Gestation) by Age Group of Mother

Gestational Estimate	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<37 Weeks Gestation	22	16.7	803	11.6	1,599	10.2	1,793	10.6	1,536	11.4	816	13.6	218	17.2	29	38.2	0	0	6,816	11.3
≥37 Weeks Gestation	110	83.3	6,146	88.4	14,137	89.8	15,139	89.4	11,891	88.5	5,181	86.4	1,045	82.7	47	61.8	1	100.0	53,697	88.7
Unknown	0	0	1	0.0	8	0.1	5	0.0	5	0.0	2	0.0	1	0.1	0	0	0	0	22	0.0
Total	132		6,950		15,744		16,937		13,432		5,999		1,264		76		1		60,535	

V. Technical Notes

Population Statistics

Population statistics are shown in Tables **1.01** and **1.02**. This report used the most recent U.S. Census data and estimates for population figures at the time of analysis.

- The Maricopa County population is from the U.S. Census Bureau, County Population Estimates by Age, Sex, Race and Hispanic Origin for July 1, 2005, released August 4, 2006. This is at <http://www.census.gov/popest/counties/files/CO-EST2005-ALLDATA.csv>

The population figures in this report may differ from figures in previous Maricopa County Department of Public Health (MCDPH) and other reports in two ways. First, some reports use Arizona Department of Economic Security (ADES) or MCDPH estimates for population data. Second, some reports may use the first published estimates by the 2000 U.S. Census. This report uses the most recent U.S. Census population figures and estimates for 2004. For a complete explanation on how the most recent U.S. Census data differ from the first published U.S. Census data, see the following: “2000 Census of Population and Housing, Notes and Errata” at www.census.gov/prod/cen2000/notes/errata.pdf.

This report defines “Hispanic” as: all respondents listing Hispanic, either alone or in combination with any race that do not identify themselves as American Indian or Alaska Native. This report separates the American Indian population by ethnicity (Hispanic, Non-Hispanic). The table below shows how the U.S. Census variables of “origin” and “race” are used for categorization in this report.

Table 5.1 Race/Ethnicity Categories Used in This Report		
Category Used in This Report	U.S. Census Code “Race”	U.S. Census Code “Origin”
White	Race=1 (White Alone)	Origin=1 (Non-Hispanic)
African American	Race=2 (Black Alone)	Origin=1 (Non-Hispanic)
American Indian, Non-Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=1 (Non-Hispanic)
American Indian, Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=2 (Hispanic)
Asian	Race=4 (Asian Alone) or 5 (Native Hawaiian or Other Pacific Islander Alone)	Origin=1 (Non-Hispanic)
Other	Race=6 (Two or More Races)	Origin=1 (Non-Hispanic)
Hispanic	Race=1,2,4,5,6	Origin=2 (Hispanic)

Mortality (Death) Statistics

Mortality (death) statistics are shown in Tables **2.01a** through **2.11**. Any crude death rate can be calculated by taking the number of deaths from any mortality table in this report and dividing it by the appropriate age, gender, race/ethnicity, or total population denominator found in Tables **1.01** and **1.02**. In tables where rates are shown, "0" means there were no cases/deaths in that category. However, when the number "0.0" is shown, it means that there were fewer than .05 deaths per 100,000 residents.

All data on mortality statistics are from the Arizona Department of Health Services (ADHS) final annual files. The Maricopa County mortality data are from death certificates for Maricopa County residents only. This includes Maricopa County residents who died in Maricopa County and residents who died elsewhere. Non-Maricopa County residents who died in Maricopa County are not included.

In the course of routine data cleaning, duplicate mortality records were identified. One duplicated record has been deleted from the mortality records in 2004. As a result of this deletion, the numbers presented in this report may not match those presented by ADHS for Maricopa County.

For both mortality and morbidity (communicable disease), rates for some racial/ethnic populations such as American Indians, Asians, and African Americans are high compared to other groups. Because these groups have relatively small populations in Maricopa County (under 150,000 residents as shown in Tables **1.01** and **1.02**), these high rates may represent very few deaths/cases. Among small populations, rates are less stable so one case or death can cause a big increase or decrease in the rates. Therefore, it is advisable to examine the raw number of cases or deaths, in addition to the rates.

In Tables **2.03a** through **2.05b**, unintentional injury deaths can be found by adding two categories – "motor vehicle collisions" and "all other accidents and adverse effects." The total for unintentional injuries in this report is higher than the figure reported by ADHS because deaths from "complications of medical and surgical care" are included in this report. This convention follows the national model for classifying unintentional injuries. "Complications of medical and surgical care" include deaths from medical devices, adverse effects related to correct doses of therapeutic medications, and misadventures to patients during surgical or medical care (ICD-10 Y40-Y84, Y88).

Tables **2.01b**, **2.02b**, **2.03b**, **2.04b**, **2.06b**, and **2.07b** do not provide a rate for the categories labeled "Unknown Age" or "Unknown Race/Ethnicity." This is because there is no denominator to use for calculating the rate as the U.S. Census does not report any data on "unknown age" or "unknown race/ethnicity."

Unless otherwise noted, all deaths are attributed to one underlying condition, based on death certificate information, using the rules of the International Classification of Diseases. Causes of death are classified by ICD-10 codes. The codes used for each category are listed in Table **5.2** below.

Firearm, drug, and alcohol induced deaths are also included in a number of other categories, such as suicide, homicide, unintentional injury, etc. For example, a firearm induced death may also be classified as a suicide, homicide, or "other accident or adverse effect." An alcohol induced death may be attributed to a long or short term effect of alcohol, such as acute alcohol intoxication or alcoholic cardiomyopathy.

Tables **2.06a** through **2.08b** show deaths resulting directly (induced) and indirectly (related) from firearms, drugs, and alcohol. Drugs include prescription medications and illegal substances, regardless of whether use was recreational or medicinal. Tobacco is considered a drug by the National Center for Health Statistics (NCHS). Since tobacco is not often considered to be a drug

in the colloquial sense, drug-related deaths are listed both with and without tobacco-related deaths.

Induced deaths refer to cases in which the use of a firearm, drug, or alcohol contributed directly to the cause of death, i.e., death due to an overdose of drugs, or a fatal gunshot injury. Related deaths refer to cases in which the use of a drug or alcohol was listed on the death certificate, but the substance was not necessarily involved in the final cause of death, i.e., death due to dehydration resulting from environmental exposure, with chronic drug use noted elsewhere on the certificate.

Related causes of deaths are counted using multiple cause of death (MCD) data supplied by ADHS with the final annual mortality files.

For Tables **2.03b**, **2.04b**, and **2.05b**, prostate cancer rates are calculated among men only (using only male residents in the denominator), and uterine & ovarian cancer rates are calculated among women only (using only female residents as the denominator). In all other tables, and for all other diseases, the total population is used for the denominator for both conditions.

Table 5.2 ICD-10 Codes Used for This Report

Cause	ICD-10 Codes Used (2001-2005)
Tuberculosis	A16-A19
Syphilis	A50-A53
HIV Disease	B20-B24
Malignant Neoplasms (Cancer)	C00-C97
Malignant Neoplasm of the Stomach	C16
Malignant Neoplasm of the Colon	C18-C21
Malignant Neoplasm of the Pancreas	C25
Malignant Neoplasm of Bronchus, Lung, or Trachea	C33-C34
Malignant Neoplasm of the Breast	C50
Malignant Neoplasm of the Uterus, Cervix, Ovary	C53-C56
Malignant Neoplasm of the Prostate	C61
Malignant Neoplasm of Urinary Organs	C64-C68
Non-Hodgkins Lymphoma	C82-C85
Leukemia	C91-C95
Other Malignant Neoplasms	C00-C15, C17, C22-C24, C26-C32, C37-C49, C51-C52, C57-C60, C62-C63, C69-C81, C88, C90, C96-97
Diabetes	E10-E14
Alzheimer's	G30
Major Cardiovascular Disease	I00-I78
Disease of Heart	I00-I09, I11, I13, I20-I51
Hypertensive Heart Disease	I11, I13
Ischemic Heart Disease	I20-I25
Other Heart Disease	I00-I09, I26-I51
Primary Hypertension	I10, I12
Cerebrovascular Diseases	I60-I69
Atherosclerosis	I70
Other Circulatory	I71-I78

(Table Continues)

(Table 5.2, Continued)

Cause	ICD-10 Codes Used (2001-2005)
Influenza & Pneumonia	J10-J18
Chronic Lower Respiratory	J40-J47
Peptic Ulcer	K25-K28
Liver Disease, including chronic liver disease, cirrhosis, alcoholic liver disease, and other chronic liver disease	K70, K73-K74
Nephritis, nephritic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
Pregnancy, childbirth, and the puerperium	O00-O99
Perinatal Conditions	P00-P96
Congenital Malformations	Q00-Q99
SIDS (Sudden Infant Death Syndrome)	R95
Ill Defined Disease Conditions (Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified, excluding SIDS)	R00-R94, R96-R99
All Other Diseases	A00-A09, A20-A49, A54-B19, B25-B99, D00-E07, E15-G25, G31-H93, I80-J06, J20-J39, J60-K22, K29-K66, K71-K72, K75-M99, N10-N15N20-N23, N28-N98
Motor Vehicle Collisions	V02-V04, V09.0, V09.2, V12-V14, V19.0 - V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0 V89.2
All Other Accidents & Adverse Effects	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 V90-X29, X31-X59, Y40-Y86, Y88
Suicide	U03, X60-X84, Y87.0
Homicide	U01-U02, X85-Y09, Y87.1
All Other External Causes	Y10-Y36, Y87.2, Y89
Unknown Causes	No ICD code listed
Firearm Related	W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0
Drug Induced or Related	F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.8, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, X40-X44, X60-X64, X85, Y10-Y14
Alcohol Induced or Related	F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15

Communicable Disease (Morbidity) Statistics

Communicable disease statistics are shown in Tables **3.01a** through **3.03b**. Any morbidity rate except for Streptococcal Group B Invasive disease can be calculated by taking the number of cases from any communicable disease table in this report and dividing it by the appropriate age, gender, race/ethnicity, or total population denominator found in Tables **1.01** and **1.02**. Because Streptococcal Group B Invasive disease is only reportable in infants under 90 days, these numbers are divided by the number of live births, to produce a rate per 1,000 live births.

The Maricopa County morbidity data are for Maricopa County residents only. This includes Maricopa County residents who acquired a disease in Maricopa County and residents who acquired a disease elsewhere. Non-Maricopa County residents are not included, even if they acquired a disease in Maricopa County. Other reports may show different morbidity rates because they include non-residents who acquired disease in Maricopa County or they exclude residents who were exposed outside of the county. For example, MCDPH Health Status Reports show six residents with West Nile virus (WNV) in 2003. Two of these cases acquired WNV outside of Maricopa County, the other four cases were acquired locally. Other reports and press releases may focus on only the locally acquired WNV cases, regardless of the residency status of the cases. For Hansen's disease only, tables include residents from various counties in Arizona, regardless of where the disease was acquired.

Communicable disease data are from the ADHS final annual files with several exceptions: data on West Nile virus, hepatitis C, genital herpes, gonorrhea, chlamydia, syphilis, and Hansen's disease are from MCDPH. Because the MCDPH communicable disease database is continuously updated, the data for hepatitis C and West Nile virus can change somewhat over time. Hepatitis C data for 2004 used in this report were generated on October 31, 2006 for confirmed, acute and chronic, physician-reported cases among Maricopa County residents. West Nile virus data for 2004 used in this report were generated on November 15, 2006 for all confirmed cases among Maricopa County residents.

In previous Health Status Reports, hepatitis B data were also obtained from the MCDPH. However, there have been a number of issues contributing to unreliable hepatitis B data. Therefore, this report uses hepatitis B data for acute cases from ADHS.

Data on tuberculosis, STDs, HIV, and AIDS may differ from other reports published by MCDPH and ADHS. Data on these diseases are in databases that may have been updated during the time between reports. HIV/AIDS data for Maricopa County are from October 27, 2006 and were provided to MCDPH for this report. Primary and secondary syphilis is shown as "Syphilis-Prim. and Sec". The "Syphilis - All others" category includes latent and congenital syphilis. These two categories can be added to determine the total number of syphilis cases. Syphilis data were generated on February 23, 2006.

Morbidity data include only confirmed cases, with the exception of Hansen's disease. Data for Hansen's disease includes all confirmed, suspect, and probable cases diagnosed in Maricopa County, including diagnoses to non-county residents. All communicable disease statistics in this report are new cases for each specified year (incidence). The only exception is Hansen's disease for which the prevalence (all existing cases from all years) is shown. The figures presented for Hansen's disease differ from previous years due to the addition of several cases diagnosed in previous years but only recently available.

Morbidity data for hepatitis C and West Nile Virus are classified by the earliest date in the record. The earliest date may be date of onset, date of diagnosis, or date of report. HIV, AIDS, and Hansen's disease data are classified by date of diagnosis. All other data are classified by date of report.

The category “Encephalitis Viral” includes St. Louis encephalitis and all other types of viral encephalitis except for West Nile virus. This may differ somewhat from other reports that include only certain types of encephalitides.

In Tables **3.01a** through **3.03b**, the category labeled “All Others” includes all reportable diseases in the ADHS communicable disease database that are not listed previously on the table.

Natality (Birth) Statistics

Natality (birth) statistics are shown in Tables **4.01** through **4.15**.

The natality percentages for older and younger maternal age groups (under 15 and over 45) may be high compared to other groups. These groups have relatively small populations in Maricopa County. Although percentages may be high, they may represent only one or two cases in a given category. Therefore, it is advisable to check the raw numbers.

Adequate prenatal care is based on the Adequacy of Prenatal Care Utilization Index (APCUI)¹. This index considers both the timing of prenatal care initiation and the number of visits after care was initiated, comparing the number of actual visits to the number of visits recommended by the American College of Obstetricians and Gynecologists. This index does not describe the quality of the care or adjust for maternal risk factors. Only singleton births are shown in these tables because twins and higher order births are typically higher risk pregnancies, and the index is not appropriate for summarizing their prenatal care usage.

- a) Inadequate: Prenatal care began after the fourth month of pregnancy or less than 50% of the expected prenatal care visits were attended
- b) Intermediate: Prenatal care began before the fourth month and 50 to 70% of the expected visits were attended
- c) Adequate: Prenatal care began prior to the fourth month and 80-109% of expected visits were attended
- d) Adequate plus: Prenatal care began prior to the fourth month of pregnancy and 110% or more of the expected visits were attended

The following definitions related to reproductive health have been established by NCHS²:

- Birth or Live Birth – The complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy or birthweight which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.
- Birth Rate – Number of live births during a calendar year per 1,000 population.
- Births to Teenage Mothers – Live births occurring to females under age twenty.
- Birth Weight – The weight of a neonate determined immediately after delivery or as soon thereafter as possible.
- Low Birthweight – Any neonate weighing less than 2,500 grams at birth (less than 5 pounds 8 ounces).
- Very Low Birthweight – Any neonate weighing less than 1,500 grams at births (less than 3 pounds, 4 ounces).

¹ Kotelchuck, M. An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index, American Journal of Public Health, 1994; 84(9):1414-1420.

² NCHS guidelines were adopted from those established by the World Health Organization (WHO).

- Preterm – Any neonate whose birth occurs through the end of the last day of the 37th week (259th day), following onset of the last menstrual period.
- Infant Death – Any death at any time from birth up to, but not including, the first year of age (<365 days).
- Infant Mortality Rate – Number of infant deaths per 1,000 live births.
- Unlinked Infant Mortality – The number of infant deaths in a given calendar year, as determined from mortality records.
- Linked Infant Mortality – Whenever possible, infant death certificate data are linked to birth certificate information to determine parental, demographic and birth data. Not all infant deaths can be linked (up to 3% are lost to follow-up).

More Information

For more information on population and health statistics, please visit the following websites:

- Maricopa County Department of Public Health: http://www.maricopa.gov/Public_Health/
- Arizona Department of Health Services: www.hs.state.az.us
- Centers for Disease Control and Prevention, National Center for Health Statistics: www.cdc.gov/nchs
- Department of Economic Security: www.de.state.az.us